

Abstract of the Disclosure

Disclosed is a system for detecting whether a tissue of in the vicinity of a focal point region reaches a temperature at which the tissue is altered thermally in an ultrasound thermal coagulation therapy, and for securing an effect of the therapy. The system includes: irradiating means for irradiating an ultrasound for ultrasound therapy; a signal detection unit for detecting bubble generation in a region to be treated; and a control circuit for controlling a continuous insonation time of a therapeutic ultrasound upon receiving information from the signal detection unit.

10075234-001502